Expenditure on Atomic Energy Research

3808. SHRI TINDIVANAM G. VEN-.KATRAMAN: Will the PRIME MINISTER be pleased to state:

(a) the total amount of expenditure incurred per annum on Atomic Energy research;

(b) the details of the inventions our scientists have established in recent years in the field of atomic energy:

(c) what arc the useful schemes of Atomic Energy for' peaceful purposes;

(d) what are the findings thereof; and

(e) if there is no useful scheme, what are the reasons therefor?

THE, MINISTER OF STATE IN THE PRIME MINISTER'S OFFICE (SHRI BHUVNESH CHATURVEDI): (a) The figures for annual expenditure on atomic energy research for the three years 1991—94 are as under:

Year	Plan	Non-Plan	Total
1991-92	82.33	218.09	300.42
1992-93	85.35	246.43	331.78
1993-94	107.17	285.13	392.30

(Rs. in Crores

(b) The scientists of the Department of Atomic Energy (DAE) are engaged in basic and applied research in physical, chemical and bio-sciences and in R&D support for the development of indigenous technologies for various activities connected with the generation of electric power from nuclear energy and for isotope production and its applications. Achievements have been made in high technology areas like power and research reactors, radio isotope production and utilisation, lasers, lacceleriators, fusion, control system, probotics, super computers, cryogenics, materials technology, information technology, and bio-technolgy, many of which have won international acclaim. There have been many spin-offs including in the areas of agriculture and medicine.

(c) and *(d)* Some of the peaceful uses of atomic energy are:—

(1) production of electricity using various kinds of unclear reactors.

(2) use of research reactors for radio isotope production and for diagnosis and in the treatment of diseases, in industry and in many other areas like agriculture and water management.

(3) production of improved seeds-through radiation techniques for higher crop yields.

(e) Does not arise.

Results of secction in ordnance depots

3809. SHRI J. S. RAJU: Will the PRIME MINISTER be pleased to refer to the answer to Unstarred Questions 2649 and 2650 given in the Rajya Sabha! on the 30th March, 1995 and state the steps being[1] taken by Government to redress the grievances of dalit youths who were arleady selected and appointment orders have not yet been issued in their favour but their future employment opportunity has been stopped by deletion of their names from the Employment Exchange on the plea of their selection?

THE MINISTER OF STATE IN THE MINISTRY OF DEFENCE (SHRI MAL-LTKARJUN): In addition to regularly pursuing with the Ministry of Finance